zBoost
extending cell zones

By Wi-Ex

zBoost YX520 International User Guide

30-day money back guarantee and 2-year manufacturer warranty
Register your zBoost product at www.Wi-Ex.com

DMAN-0023-Rev A

About zBoost® from Wi-Ex®

Wi-Ex is the leader in mobile phone signal boosters. zBoost® enhances the performance of your mobile phone, PDA and wireless data card.

Compatibility – zBoost YX520-i is compatible with 900MHz and 1800MHz phones regardless of technology.

Patent-pending technologies protect the carrier network.
2-year manufacturer warranty – register your product at www.Wi-Ex.com.

zBoost® products have more awards, more sales and more locations
-more than all other signal boosters … COMBINED.

Copyright Notice

This manual is copyrighted. All rights reserved. This manual, whole or in part, may not be copied, photocopied, reproduced, translated or reduced to any electronic medium or machine-readable form for distribution. This manual whole or in part, may not be modified without prior consent, in writing, from Wireless Extenders.

Copyright © 2009 by Wireless Extenders, Inc.

Trademarks

Wireless Extenders, Wi-Ex, the Wi-Ex logo, zBoost, the zBoost logo and Extending Cell Zones are registered trademarks of Wireless Extenders, Inc.

Safety and Product Warranty Information

Limited Liability

In no event shall Wireless Extenders be liable for any direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages, whether in an action under contract, negligence, or any other theory, arising out of or in connection with the set up of, use of, inability to use, or performance of the information, services, products, and materials available from this manual. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty last, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. For full warranty guidelines, see page 17.

Warning

Changes or modifications not expressly approved by Wi-Ex could void the user's authority to operate this equipment and/or void the product warranty.

Read First Before Setting Up Your zBoost®

Before unpacking the contents, verify that your mobile phone operates on the frequency band supported by this product.

- **zBoost® YX520i** will enhance your in-building coverage for local provider networks operating at 900MHz and 1800MHz frequencies.

Caution: Before beginning installation, you must have enough space to provide 5 meters of vertical separation between the Signal Aerial and Base Unit. Less than 5 meters will result in reduced performance

zBoost® Base Unit Signal Light Indicator

Upon initial power-up of your zBoost®, the base unit light indicator should be solid green. This signifies a normal condition at power up.

Solid GREEN	Normal condition at power up
Slowly Alternating RED and GREEN	Base Unit is operating at reduced performance and coverage due to improper setup. Increase distance between Signal Aerial and base unit to achieve maximum performance and coverage. If condition persists after relocating Signal Aerial and/or Base Unit, contact Wi-Ex Customer Support for additional information on setup.
Fast Flashing RED	Indicates Insufficient distance between the Signal Aerial and the Base Unit. The Base Unit is operating at significantly reduced coverage. Increase distance between Signal Aerial and the Base Unit to achieve maximum performance and coverage. Remove power for 10 seconds and reconnect power after relocating the aerial. If condition persists after relocating Signal Aerial or Base Unit, contact Wi-Ex Customer Support for additional information on setup.
Solid RED	System is receiving signals from either the mobile phone or the cell tower, which are too strong for proper operation. This may be due to improper setup or operation. The Base Unit is disabled. Remove power for 10 seconds and reconnect power to reset system. If the condition persists, contact Wi-Ex Customer Support for additional information on setup.
Fast Alternating RED and GREEN Followed by no light	Base Unit is disabled. Call Wi-Ex Customer Support.

Package Contents: zBoost® YX520-i

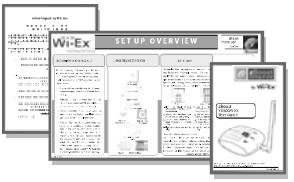
Before you begin, make sure all of the following parts came with your zBoost® YX520-i:

Literature Contents:

① Set-Up Tips (single sheet)

② Set-Up Overview (poster)

③ zBoost® YX520-i User Guide (manual)



Product Contents:

⑤ zBoost® Base Unit with attached mounting bracket

⑥ Base Unit Aerial

⑦ Rubber Feet

⑧ Self-anchoring screws

⑨ 75 Ohm Coaxial mini-RG59 Cable – 16 meters

⑩ Power Supply and Adapter Kit

⑪ Signal Aerial

⑫ Signal Aerial mounting hardware

FIGURE 1: Package Contents

Optional zBoost® Accessories

The following accessories are available to improve signal reception and provide increased coverage in your home or office. Please see our website for more options.

To order, call 001-800-871-1612 or visit, www.Wi-Ex.com

YX510-Dual Band	YX500-CEL	YX500-PCS	YX520i	Part #	Description
X	X	X	X	YX012	Outdoor Grounding Kit
X	X			YX022-CEL	Outdoor Omni-Directional Signal Aerial upgrade (6 dBi)
X		X		YX023-PCS	Outdoor Directional Signal Aerial upgrade (13 dBi)
			X	YX065-GS9	Outdoor Directional Signal Aerial upgrade (8 dBi GSM900)
			X	YX063-DCS	Outdoor Directional Signal Aerial upgrade (13 dBi DCS)
X		X		YX024-PCS	Indoor Directional Base Unit Aerial (7 dBi)
X	X			YX025-CEL	Outdoor Directional Signal Aerial upgrade (7 dBi)
X	X			YX026-CEL	Outdoor Directional Signal Aerial upgrade (11 dBi)
X	X	X	X	YX027-PCS-CEL	Indoor Dual Band Directional Base Unit Aerial upgrade (6 dBi/CEL, 9 dBi/PCS)
X	X	X		YX029-PCS-CEL	Outdoor Dual-Directional Signal Aerial upgrade (7 dBi/CEL, 13 dBi/PCS)
			X	YX069-DCS-GS9	Outdoor Dual-Directional Signal Aerial upgrade (8 dBi/GS9, 13 dBi/DCS)
X	X	X	X	YX050-PCS-CEL	Indoor Dual Band Omni-Directional Ceiling option for Base Unit Aerial (2 dBi)
X	X	X	X	YX030-15W	15 ft. Outdoor coax extension, low-loss RG-6
X	X	X	X	YX030-35W	35 ft. Outdoor coax extension cable, low-loss RG-6
X	X	X		YX031-10W	10 ft. Indoor coax extension cable for Base Unit Aerial
X	X	X	X	YX030-08W	8” white window entry flat cable

Table of Content

About zBoost® from Wi-Ex® i
Copyright Notice i
Trademarks i
Safety and Product Warranty Information i
Limited Liability i
Read First Before Setting Up Your zBoost® ii
zBoost® Base Unit Light Indicators iii
Package Contents: zBoost® YX520i iv
Optional zBoost® Accessories v
Table of Content 1
Overview 2
Why Indoor Signals Can Be Weak 2
Preparing to Set Up Your zBoost® Product 3
Tools Needed 3
Check for Signal Strength 3
Determine the Needed Coverage Area 4
Determine the Location of Signal Aerial and Base Unit Aerial 4
Additional Cable Requirements 5
Grounding the Signal Aerial 5
Securing Cable with a Drip Loop 5
Power Requirements 5
Setting Up Your zBoost® Signal Booster 6
Placement of the Signal Aerial 6
Easiest Set-Up 6
Better Performance 7
Best Performance 8
Positioning the Base Unit 10
Confirm That Your zBoost® is Working Properly 10
Wall Mounting the Base Unit 10
Improving Your Coverage Area 11
Troubleshooting Your zBoost® System 12
zBoost® Base Unit Light Indicators 12
YX520-i Technical Specifications 13
Frequently Asked Questions 14
zBoost® Warranty Information 17

Overview

Thank you for choosing zBoost®. You will now be able to use your mobile phone INSIDE your home or office. Gone are the days when you had to go to the window upstairs or walk outside to use your mobile phone. Like a skylight that brings sunlight into your home, zBoost® transports and amplifies the outdoor cellular signals into your home or office.

By following the easy instructions in this user guide, you will be Extending Cell Zones™ into your home or office.

Why Indoor Signals Can Be Weak

There are several obstacles that can contribute to the poor reception you receive in your home or office:

1) **Location of the Mobile Phone Tower in Relation to Your Home/Office**

   While mobile phone providers have tried to place mobile phone towers to provide the best overall coverage, local ordinances and terrain features can impose restrictions on where these towers can be placed, limiting the signal strength available at your location.

2) **Obstructions Caused by Buildings, Terrain and Trees**

   Mobile phone signals can be completely blocked or reflected by buildings, walls, trees, hills and other terrain features resulting in low signal strength.

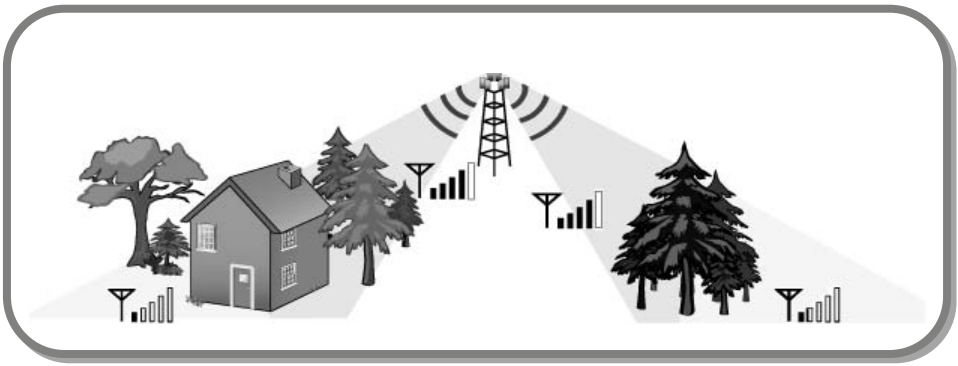


FIGURE 2: Mobile Phone Signal Obstructions

Preparing to Set Up Your zBoost® Product

Tools Needed

The following tools are needed to set up zBoost®:

- Philips screwdriver
- Mobile phone operating in the band supported by your zBoost® unit
- Drill (may be required for outdoor or attic aerial placement)

Check for Signal Strength

Before placing a zBoost® in your home, make sure that you can place calls on the outside of your home, in the attic, at roof level or wherever you plan to place the Signal Aerial. zBoost® can only bring signal into your home when signal reaches the Signal Aerial.

Using your mobile phone, place a call from an outdoor location to confirm that enough signal is present to complete the call. If a weak signal is available at ground level, check the signal strength in your attic or at roof level location where the signal will likely be stronger and where the Signal Aerial can be placed for best performance.

If you can reliably make and receive calls outside your home, then zBoost® can bring the signal into your home.

If only one signal bar is displayed on your mobile phone outside, indoor coverage will be limited to one small room. We recommend placing the Signal Aerial outside and/or purchasing a Wi-Ex® upgrade Signal Aerial (*see page v*).

FIGURE 3: Checking For Signal

Note

Mobile phone signal bars are approximate and vary from phone to phone. The number of bars can fluctuate widely, depending on the location of the phone, the position or angle of the phone, weather, etc. Most mobile phone signal meters update every 6 to 10 seconds. An increase of only one bar typically indicates a 4x to 10x signal increase.

THE BEST INDICATOR OF SIGNAL STRENGTH IS THE ABILITY TO RELIABLY PLACE AND RECEIVE CALLS.

Determine Coverage Area Needed

Identify the location in your home/office where you need signal coverage the most. The zBoost® YX520i can cover approximately 250 square meters (coverage varies based on outdoor signal level, building construction, and placement of aerials). Walls, ceilings or floors will reduce the coverage area.

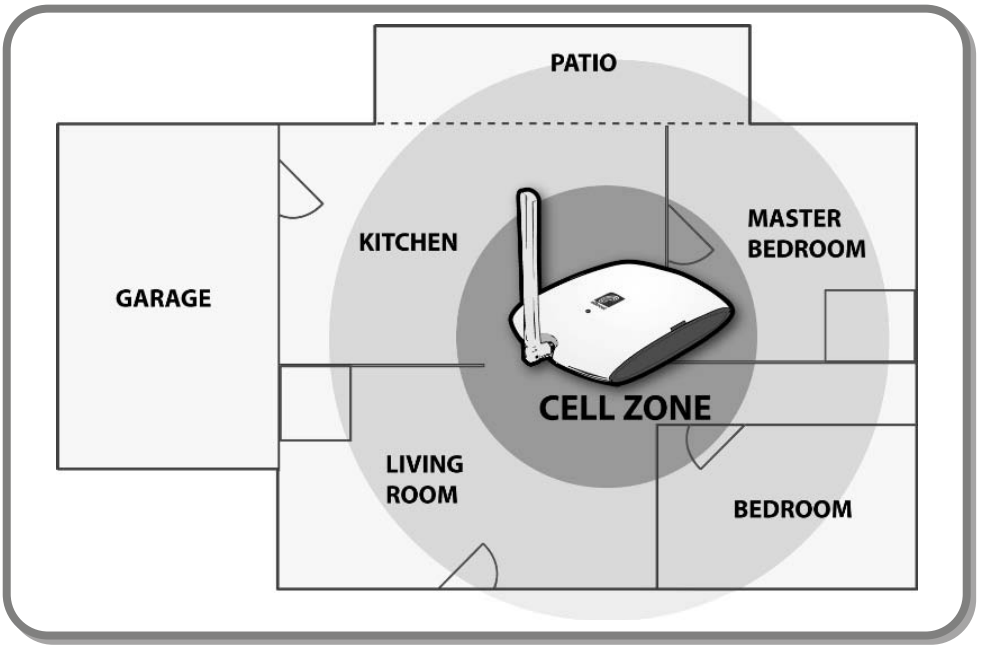


FIGURE 4: zBoost® Base Unit Coverage

Determine the Location of Signal Aerial and Base Unit Aerial

It is recommended that the Signal Aerial and Base Unit Aerial have approximately 5 meters of vertical separation.

If the aerials are too close together, the signal light on the Base Unit will flash red indicating a problem (*See Page 12, Troubleshooting*). To capture the best signal, place the Signal Aerial as high as possible and position it vertically, keeping it at it at least 1 meter away from any metal.

The location of the Signal Aerial should be at least 5 meters higher than the Base Unit Aerial. If this is not possible, maximizing the horizontal separation between the two aerials is advised. See page 6, *Setting Up Your zBoost® Product*, for additional information.

Warning

Avoid placing the Signal Aerial near metal such as wiring, A/C ducts, metal siding, truss plates, etc.

When connecting the cable to the aerial, run the cable straight down from the aerial. Avoid draping the coax near the aerial.

Additional Cable Requirements

If the distance between the Signal Aerial and the Base Unit exceeds 17 meters , you will need to purchase additional coaxial cable for a total coax cable length of 23 meters. You may use RG-6 coaxial cable and F connectors, which are rated for outdoor satellite TV use and can be found at many home improvement and electronic stores.

For the best performance, purchase RG-6 low-loss extension cables from our website or your retailer. The total cable length should not exceed 23 meters unless you also purchase an upgraded Signal Aerial (*see page vi*). A longer cable is helpful only if it allows you to place the Signal Aerial in a location where you measure stronger signal.

Grounding the Signal Aerial

If you decide to place the Signal Aerial outdoors, it must be properly grounded. The set up must be in accordance with electrical codes and standards applicable to your area. A listed aerial discharge unit must be provided for the lead-in coaxial cable or the shield of the coaxial cable must be permanently and effectively grounded in accordance with local electrical codes. Please consult a professional installer or electrician for more information. Additional instructions and hardware are also available in the zBoost® Outdoor Grounding Kit (*page v*).

Securing Cable with a Drip Loop

If you place the Signal Aerial outdoors, create a drip loop with the coaxial cable at the point where the cable enters the building through an outside wall. This can be done by twisting and securing the cable into a loop (no less than 4cm across) near the entry point. This will help prevent moisture from gathering at entry point and leaking into the building. Consult a professional installer if you need more information. Additional instructions are also available in the zBoost® Outdoor Grounding Kit (*see page v).*

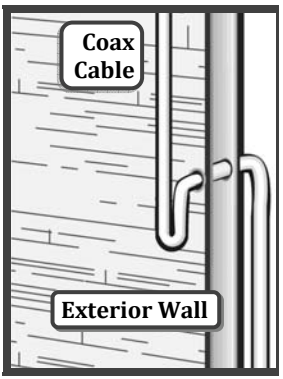


FIGURE 5: Securing Cable with a Drip Loop

Power Requirements

The power plug has interchangeable adapters. Select the adapter that is compatible for your geographical area.

Warning

The zBoost® YX-520i Series base unit MUST only be used with the provided power adapter. Use of other power adapters will void the warranty and may damage the unit. Use of other equipment is not CE approved.

Setting Up Your zBoost® Signal Booster

Placement of the Signal Aerial

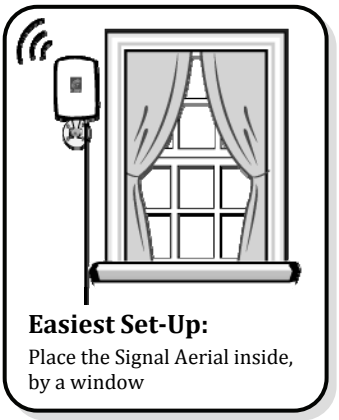
Choose a location for the Signal Aerial that provides the best performance and the largest area of improved signal. Determine the location that provides the strongest signal using the signal strength indicator on your mobile phone. Find the location that provides the most bars of signal strength and place the Signal Aerial at or near that location. Avoid placing the Signal Aerial near metal such as wiring, A/C ducts, metal siding, truss plates, etc. When connecting the cable to the aerial, run the cable straight down from the aerial. Avoid draping the coax near the aerial.

Choose 1 of the following 3 options for setting up your zBoost® system:

1 **EASIEST:**

Inside, by a window

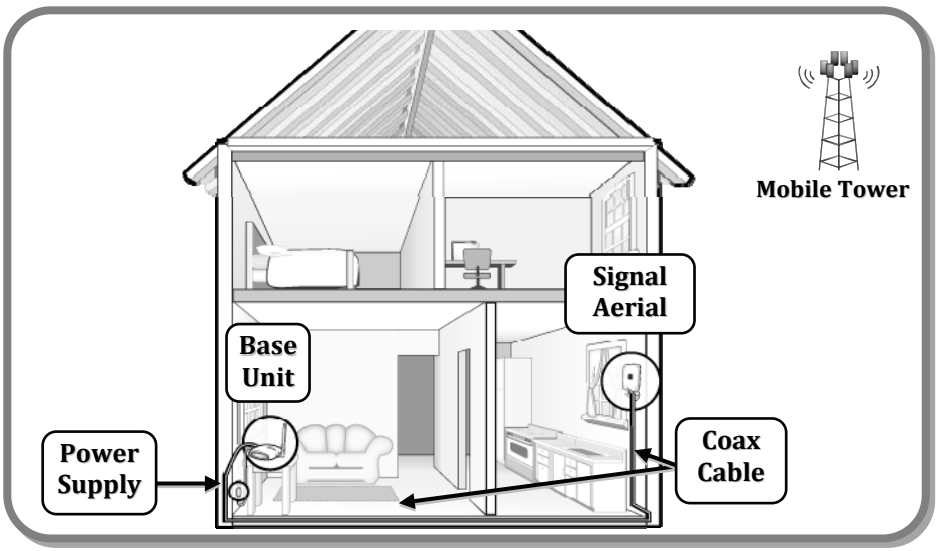
1. Locate a window where you get signal.
2. Mount the Signal Aerial above the window.
3. Place the Base Unit in desired location – where you want to create a Cell Zone™ (5 meters of vertical separation between the Base Unit and Signal Aerial is recommended).
4. Attach the coaxial cable to the Signal Aerial.
5. Connect the other end of the coaxial cable to the Base Unit.
6. Attach the Base Unit Aerial to the Base Unit and position it vertically.



Easiest Set-Up:
Place the Signal Aerial inside, by a window

7. Choose the appropriate power supply option for your location, connect the Power Supply to the Base Unit and plug into a power outlet.

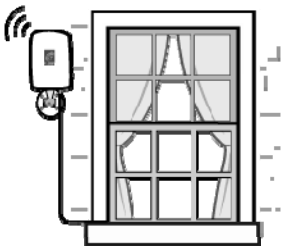
NOTE: If a red light appears, try further separating the Signal Aerial and Base Unit or see the Troubleshooting section (Page 12) for further information.



❷ BETTER PERFORMANCE:

Outside of a window

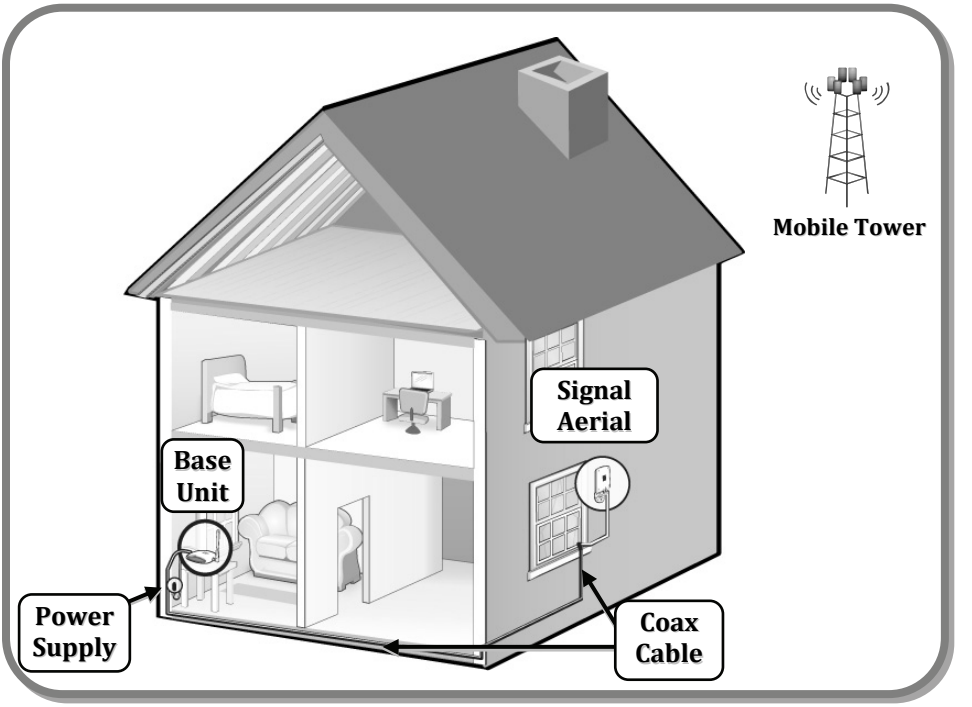
1. Locate a window where you get signal.
2. Mount the Signal Aerial outside of the window.
3. Place the Base Unit in desired location – where you want to create a Cell Zone™ (5 meters of vertical separation between the Base Unit and Signal Aerial is recommended).
4. Attach the coaxial cable to the Signal Aerial.
5. Run the coaxial cable from the Signal Aerial through the window (an optional window entry kit is available: see page v) and to the Base Unit.



Better Performance:
Place the Signal Aerial outside of a window

6. Attach the Base Unit Aerial to the Base Unit and position it vertically.
7. Choose the appropriate power supply option for your location, connect the Power Supply to the Base Unit and plug into a power outlet.

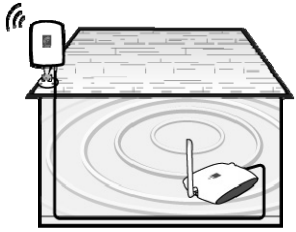
NOTE: If the red light starts flashing, try further separating the Signal Aerial and Base Unit, disconnect power for 10 seconds and reconnect power or see the Troubleshooting section (Page 12) for further information.



❸ **BEST PERFORMANCE:** Attic/Outdoor placement

The following instructions are recommended for the best reception:

Mobile Tower



Best Performance:
Place the Signal Aerial in attic or on roof

1. Using your mobile phone as a signal meter, confirm that either your attic or your roof will deliver optimal signal strength to the Signal Aerial. Identify the best location for attachment of the mounting bracket – such as an attic cross or main beam.
2. Secure the mounting bracket at the highest possible point and at least 1 meter away from metal objects such as pipes, metal siding, A/C unit etc.
3. Position the mounting bracket such that the Signal Aerial will be vertical and attach the Signal Aerial (*see figure 7*).
4. Connect the supplied coaxial cable to the base of the Signal Aerial.
5. Run the coaxial cable along a descending pipe or through a wall that that leads closest to the location of the Base Unit.
   NOTE: Refrain from securing cable or drilling holes until the system has been tested.
6. From the other end, connect the coax cable it to the Base Unit.
7. Connect the Base Unit Aerial to the Base Unit and position it vertically.
8. Choose the appropriate power supply option for your location, connect the Power Supply to the Base Unit and plug into a power outlet.

NOTE: If a red light appears, try further separating the Signal Aerial and Base Unit or see the Troubleshooting section (*Page 12*) for further information.

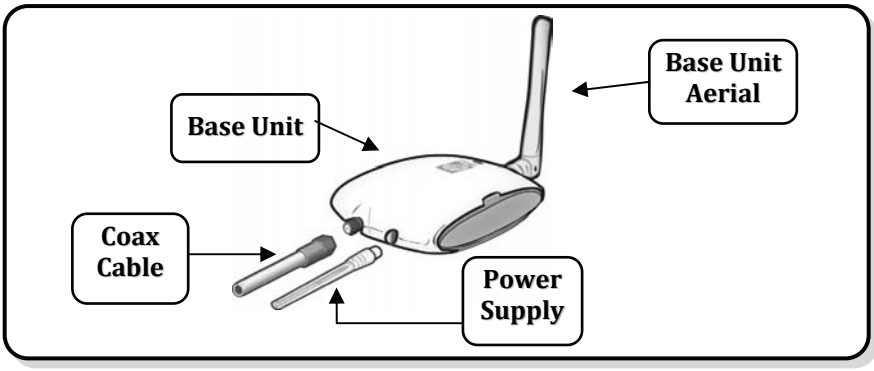


FIGURE 6: Connecting the Base Unit Components

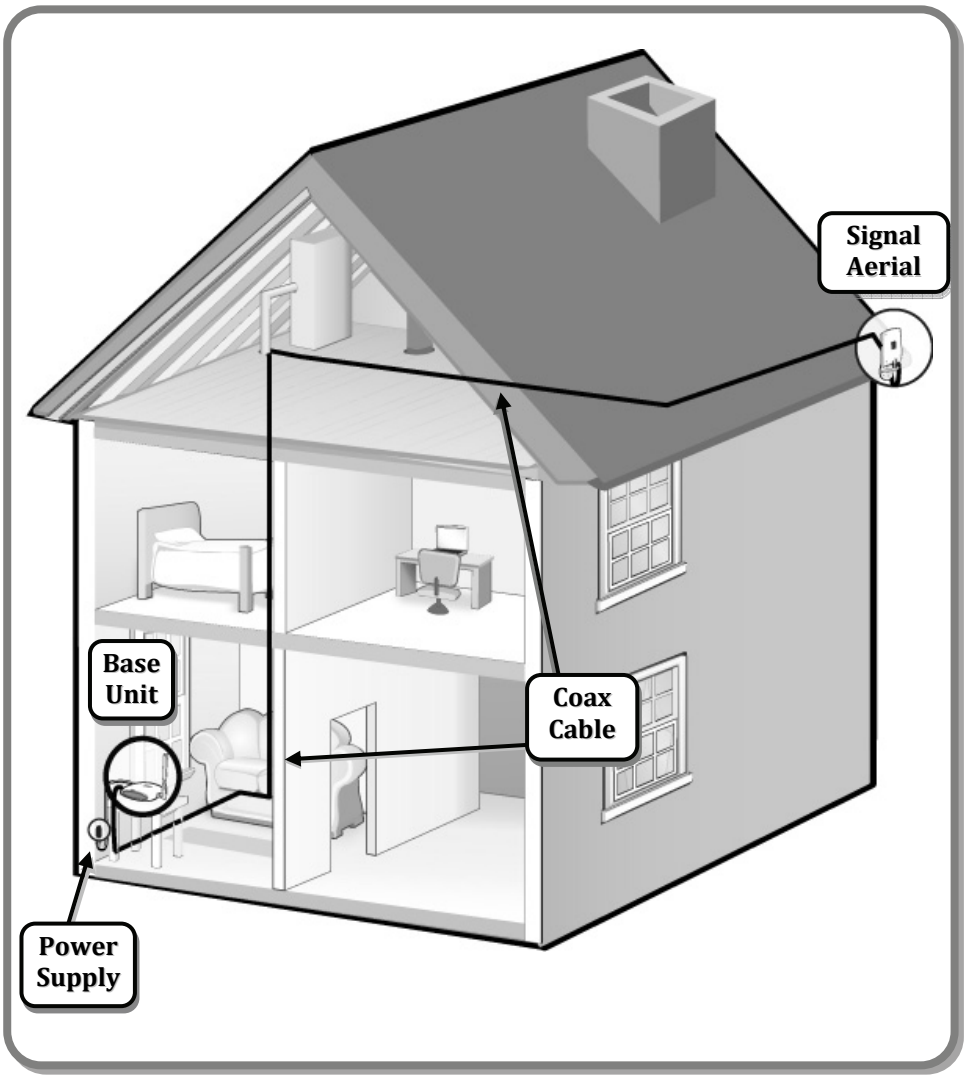


FIGURE 7: Placing the Signal Aerial on the Roof (pictured) or in the Attic

More on Routing the Coaxial Cable Along side an Attic Pipe

Locate a pipe that descends from the attic down to the desired location of the Base Unit. Tie a weight to a pull string and lower the weight down alongside the pipe. In the lower room, tie the pull-string onto one end of the cable. From the attic, gently pull up the string until the coaxial cable can be grasped. Connect the coaxial cable to the Signal Aerial.

Positioning the Base Unit

For the widest possible signal area, it is recommended that you position the zBoost® YX520i Base Unit near the middle of a room or mount it on an interior wall. This Base Unit uses an omni-directional aerial that delivers signal in a circular pattern around the aerial.

If you decide to position the Base Unit on or near an outside wall, we recommend purchasing a Directional Base Unit Aerial (*Page v*) to focus the signal in the direction of your choice.

The Base Unit can be mounted either directly on a wall or placed on a flat surface (e.g., a bookshelf, desk, end table, etc.). The Base Unit performs best when located at least 1-2 meters above the floor or approximately the height of a mobile phone when it is typically in use (avoid placing the Base Unit on the floor).

For best results, avoid placing the Base Unit Aerial within 1 meter of other cords, metal objects or other wireless devices such as wireless routers or wireless access points.

Confirm That Your zBoost® is Working Properly

Perform the following steps to confirm that the unit is now working properly:

1. Unplug the Base Unit power cable.
2. Turn on your mobile phone and check the number of bars.
3. Plug the power cable into the Base Unit.
4. Hold your mobile phone about 2 meters from the Base Unit and then turn it on. Wait up to 1 minute for the mobile phone to register the signal coming from the Base Unit.
5. If the number of bars shows improvement, your zBoost® unit is working properly.

Note

Mobile phone signal bars are approximate and vary from phone to phone. The number of bars can fluctuate widely, depending on the location of the phone, the position or angle of the phone, weather, etc. Most mobile phone signal meters update every 6 to 10 seconds. An increase of only one bar typically indicates a 4x to 10x signal increase.

THE BEST INDICATOR OF SIGNAL STRENGTH IS THE ABILITY TO RELIABLY PLACE AND RECEIVE CALLS.

Wall Mounting the Base Unit

The Base Unit can also be easily mounted to a wall using the included mounting bracket hardware. The Base Unit should be a minimum distance of 1-2 meters above the floor. Perform the following steps to mount the Base Unit to a wall:

1. Remove the mounting bracket from the Base Unit by firmly spreading one of the tabs outward from the base unit as illustrated in figure 8.
2. Fasten the mounting bracket to the wall using the included wall/ceiling anchors.
3. Snap the Base Unit into the mounting bracket.

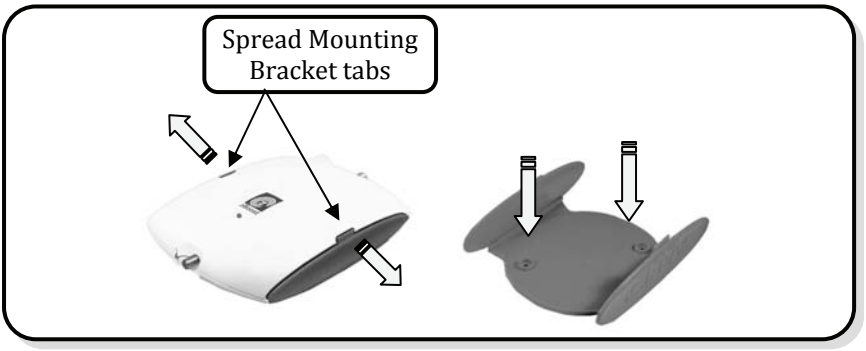


Figure 8: Wall Mounting the Base Unit

Improving Your Coverage Area

When your zBoost® system is in place and fully connected, you should walk throughout the room and see that you are able to reliably place calls.

Remember, coverage varies based on outdoor signal level, building construction, and aerial placement. Coverage in adjoining rooms (next to, above, or below) will be reduced due to walls or ceiling/floors.

Should you desire to improve coverage, you may:

- Move the Base Unit and/or adjust the angle of the Base Unit Aerial.
- Move the Signal Aerial to a higher location in your attic or outside.
- Purchase a Signal Aerial Upgrade (*see page v*).
- Purchase a Base Unit Aerial Upgrade (*see page v*).

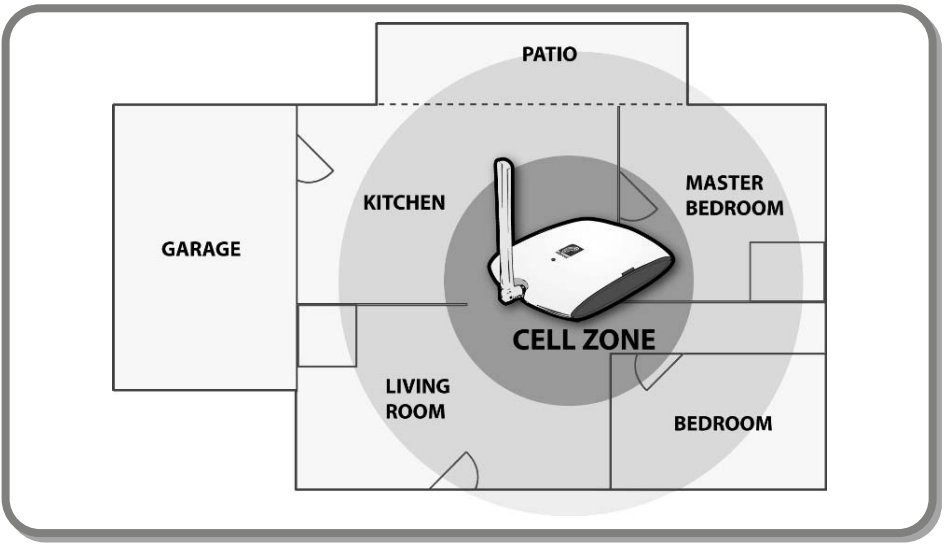


FIGURE 9: Coverage Area

Troubleshooting Your zBoost® System

Upon initial power-up of your zBoost®, the base unit light indicator should be solid green. This signifies a normal condition at power up.

zBoost® Base Unit Light Indicators

Solid GREEN	Normal condition at power up
Slowly Alternating RED and GREEN	Base Unit is operating at reduced performance and coverage due to improper setup. Increase distance between Signal Aerial and base unit to achieve maximum performance and coverage. If condition persists after relocating Signal Aerial and/or Base Unit, contact Wi-Ex Customer Support for additional information on setup.
Fast Flashing RED	Indicates Insufficient distance between the Signal Aerial and the Base Unit. The Base Unit is operating at significantly reduced coverage. Increase distance between Signal Aerial and the Base Unit to achieve maximum performance and coverage. Remove power for 10 seconds and reconnect power after relocating the aerial. If condition persists after relocating Signal Aerial or Base Unit, contact Wi-Ex Customer Support for additional information on setup.
Solid RED	System is receiving signals from either the mobile phone or the cell tower, which are too strong for proper operation. This may be due to improper setup or operation. The Base Unit is disabled. Remove power for 10 seconds and reconnect power to reset system. If the condition persists, contact Wi-Ex Customer Support for additional information on setup.
Fast Alternating RED and GREEN Followed by no light	Base Unit is disabled. Call Wi-Ex Customer Support.

YX520i Technical Specifications

Frequency	890-960 MHz 1710 -1880 MHz
Networks:	GSM, GPRS, EDGE, HSDPA
Total Signal Gain:	50 dB (Adaptive) GSM900 50 dB (Adaptive) DCS
Signal Aerial Gain:	0dBi Dipole; F-Type Connector
Base Unit Aerial Gain:	0dBi whip; SMA male
Cable Loss:	5 dB (16 meters of 75Ω, 3000 MHz mini RG-59) GSM900 9 dB (16 meters of 75Ω, 3000 MHz mini RG-59) DCS
RF Output Power:	100 mW GSM900 100 mW DCS
Base Unit Weight:	15 oz.
Base Unit Size:	5” x 7” x 1”
AC Power Input:	100 – 240 VAC, 47 – 63Hz
DC Power Output:	3.7 VDC, 2.0 A
Operating Conditions:	Indoor use only 5° to 40°C (40° to 105°F)
Coverage (open areas):	4-5 signal bars at roof aerial; 60’ diameter at 3-4 bars inside; 250 square meters circle

Frequently Asked Questions

For more FAQ's, visit our website: www.Wi-Ex.com

What can I expect my mobile phone signal range and strength to be inside my home or office?

The closer you are to the base, the stronger the signal. This will vary with different conditions. Some of the conditions that will affect the improved coverage area are signal strength outdoors, the type of building materials in the home, the placement of the unit and the aerial's proximity to mobile phone towers.

Your expectations should be that your indoor coverage will be improved. You will be able to make calls where you couldn't before. The degree of improvement will depend upon many factors. The intent of zBoost® products are to bring outside coverage inside. If you want an even stronger signal, consider a more powerful signal aerial or an internal directional aerial, available for purchase at www.wi-ex.com.

Where should I place my zBoost® Base Unit to get the best coverage?

You should place your base unit where you need coverage the most. The base unit is the component that amplifies the signal inside. The coverage is improved in a circular manner from the base unit. The further you are away from the base unit, the weaker the signal. The base unit could be placed in the family room, the basement, an office, a bedroom, a home office or any other centralized location.

Note: if you place the Signal Aerial too close to the Base Unit, the system will shut down. The signal light will blink red. This is a normal condition for this scenario. It means that you need to ensure sufficient distance between the two aerials; otherwise, it will detect feedback (or noise) and automatically shut down. Lack of sufficient vertical separation is usually the cause.

How do I know if I need a grounding kit and how do I install it?

Generally, we recommend the use of grounding kits in areas where the aerial is placed outdoors at a high point above ground. The recommended method of grounding your aerial is by attaching the grounding wire (provided with the grounding kit) to a cold water pipe or a ground rod (*see page v for grounding kit*).

Why isn't my mobile phone indicating more signal with more bars?

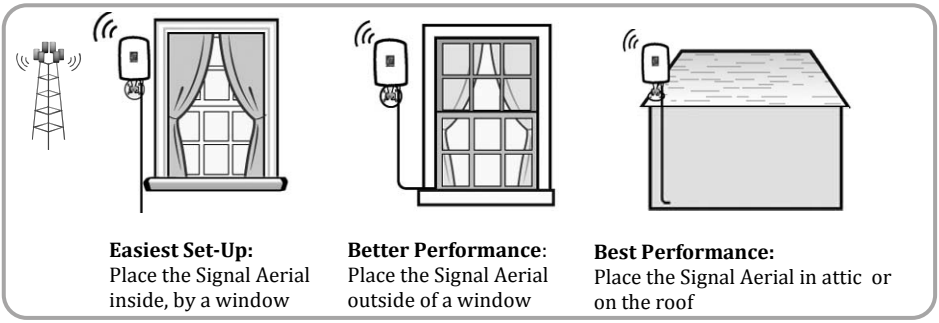
You may not observe that gain on your signal meter because of the signal spreading out from the aerial. The increase in signal you will see depends upon:

- The level of signal at the Signal aerial (outdoor)
- The care of the aerial placement (1-2 meters away from metal, adequate aerial separation [5-7 meters vertical recommended])
- The signal already present inside (related to building losses)
- The distance of your phone/device from the Base Unit (signal spreads or diminishes rapidly with distance)

Where is the best place to put my Wi-Ex Signal Aerial?

The Wi-Ex Signal Aerial should be placed at the highest point in or on your house in order to receive the strongest signal. This location could be in the attic or on the roof. The placement of the Signal Aerial is very important. It is best to place this in an un-obstructed area. If you position it outside, place it vertically above the roofline, or, any other area round your home that has the greatest signal strength.

Note: if you place the Signal Aerial too close to the Base Unit, the system will shut down (The signal light will blink red). This is a normal condition for this scenario. It means that you need to ensure that you have proper distance/separation between the two aerials; otherwise, it will detect feedback (or noise) and will automatically shut down.



Easiest Set-Up: Place the Signal Aerial inside, by a window

Better Performance: Place the Signal Aerial outside of a window

Best Performance: Place the Signal Aerial in attic or on the roof

Is a cellular phone signal booster the same as a wireless router; will it help my WiFi signal?

zBoost® will not help your WiFi service. This unit is designed to work with mobile phones and devices. The WiFi in your home or office operates on a different frequency.

Is your product available for international use?

The YX520i is the international model. Check the frequencies for a particular country for compatibility. Check our website **www.Wi-Ex.com** for product availability.

Can I use my existing coaxial cable to set up my unit?

The coaxial must be a dedicated run between the aerial and the Base Unit and may not be shared with another device. zBoost® is optimized by using the cable provided. If you have special set up concerns, contact Wi-Ex Customer Service at 001-800-871-1612.

There are usually several mobile phones in use at one time in my home, will your product boost all of our signals simultaneously?

The zBoost® YX520i Series is designed to cover multiple signals simultaneously and will allow multiple users to operate at the same time.

zBoost® Warranty Information

Limited 2 Year Warranty
Register your product at www.Wi-Ex .com

Wi-Ex® warrants every Wi-Ex® product to be free from defects in material and workmanship under normal use for the warranty period of two years from the time of purchase.

Who Is Covered?

You must have proof of purchase to receive warranty service. A sales receipt or other documentation showing the product purchased and the purchase date is considered proof of purchase. This limited warranty extends only to the original consumer purchaser or any person receiving the product as a gift from the original consumer purchaser and to no other purchaser or transferee. This warranty does NOT extend to commercial users.

What is Covered?

Warranty coverage begins the day you purchase the product. For two years from the original date, the Wi-Ex® Mobile Phone Signal Booster will be repaired or replaced with a new, repaired, refurbished or comparable product (whichever is deemed necessary by Wi-Ex®) if it becomes defective or inoperative. The exchange will be made without charge to you for parts and labor. You will be responsible for the cost of shipping to the location designated by Wi-Ex®. If Wi-Ex® cannot reasonably repair or replace the unit then Wi-Ex® may, at its sole discretion, refund the price you paid for the product or the price of the unit.

All products, including replacement products, are covered only for the original warranty period. When the warranty on the original product expires, the warranty on the replacement product also expires.

What is Excluded?

Your warranty does NOT cover:

- Labor charges for set up of the unit.
- Product replacement because of misuse, accident, lightning damage, unauthorized repair or other cause not within the control of Wi-Ex®.
- Incidental or consequential damages resulting from the product. Some states or countries do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.
- Any modifications or other changes to the product, including but not limited to software or hardware modifications in any way other than as expressly authorized by Wi-Ex® will void this limited warranty.
- Product that has been modified or adapted to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.

Make sure you keep…

Please keep your sales receipt or other document showing proof of purchase. Attach it to this User Guide and keep both nearby. Also, keep the original box and packing material in case you need to return your product.

Before requesting repair service…

PLEASE CHECK THE TROUBLESHOOTING SECTION OF THE GUIDE. This may save you a call.

To get warranty service…

Warranty service will be provided by Wi-Ex®. If you believe you need service for your unit, contact Wi-Ex® at 001-800-871-1612 or support@wi-ex.com. A representative will go through a diagnostic checklist with you. If it is determined that the product needs to be returned for service or exchanged, you will receive a return merchandise authorization (RMA) number. The representative will give you complete shipping details.

To get out of warranty service…

To obtain out of warranty service, contact Wi-Ex® at 001-800-871-1612 or support@wi-ex.com for information on the possibility of any costs for repair or replacement of out-of-warranty products.

Reminder

Record the model and serial number found on the product below:

Model #: _____

Serial #: _____

Purchase Date: _____